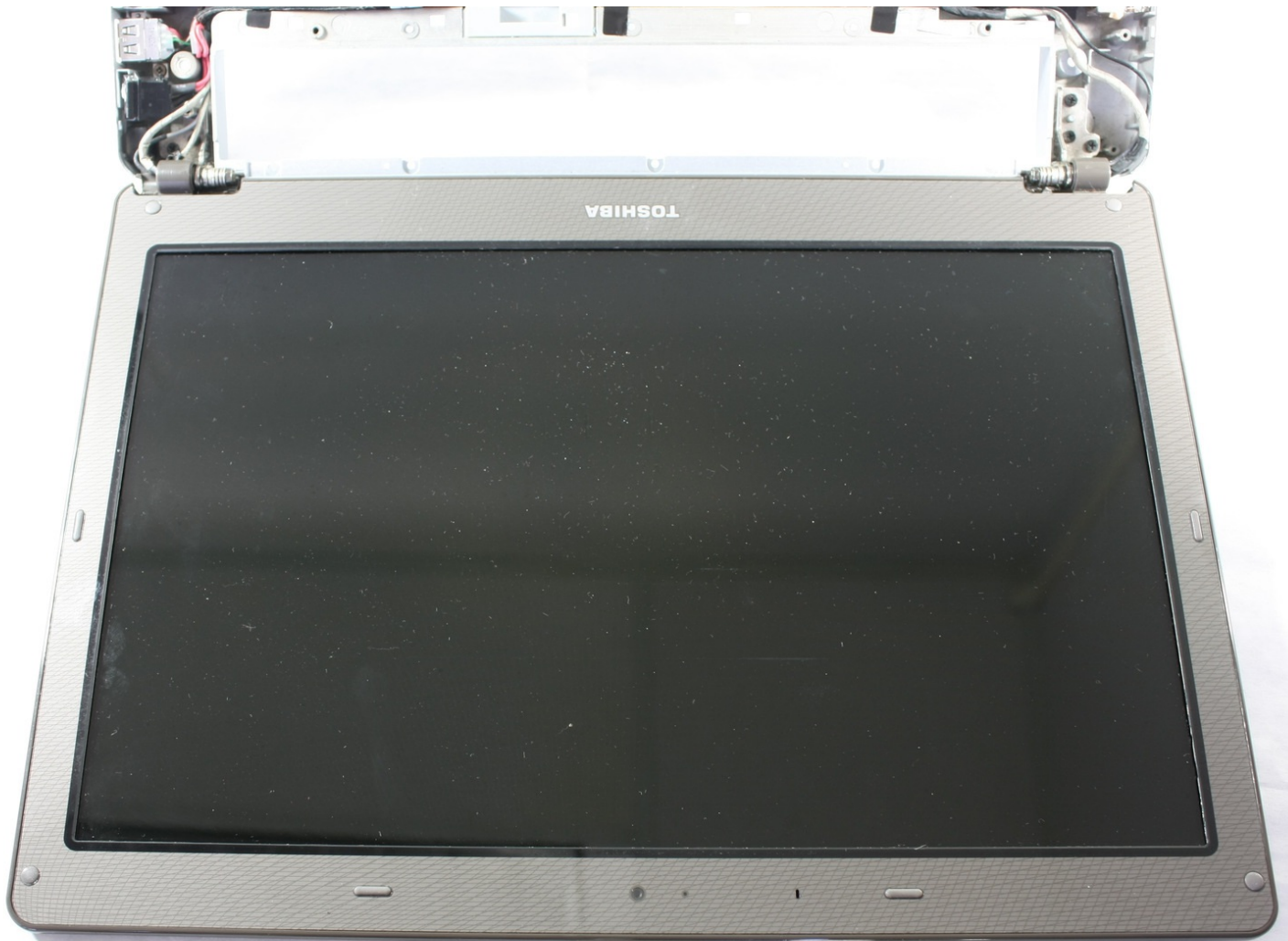




# Toshiba Satellite E105-S1602 Display Replacement

Use this guide to remove/replace the display screen.

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## INTRODUCTION

This guide is designed to help you quickly and safely replace the display screen when a problem arises. The display assembly includes the LCD, the front glass, and the display enclosure.

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### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Battery



- Slide both of the latches to the outside to release the battery.

## Step 2



- Pull the battery out by lifting the battery cover away from the laptop.



### Step 3 — Keyboard



- Flip the computer over and insert the plastic opening tool under the plastic strip at the top of the keyboard.
- Pry the top plastic strip from the top of the keyboard.
- Peel the strip completely away from the keyboard.

### Step 4



- Using your Phillips #00, unscrew the two 4.80mm screws at the top of the keyboard.

## Step 5



⚠ When removing the keyboard, be careful not to rip the ribbon cable connecting the keyboard to the computer, to avoid damaging it.

- Flip the keyboard up from the bottom in order to see the two ribbons connecting it to the motherboard.

## Step 6



- Using the plastic opening tools, pop out the ribbon cable from the rest of the computer.



## Step 7



- Using the plastic opening tools, pop out the second ribbon cable from the rest of the computer.

## Step 8



- Completely remove the keyboard from the laptop by lifting up the part closest to the screen, and then gently pulling out the bottom half.

**i** Keep the keyboard safe by storing it on a flat, non-metallic surface until needed.

## Step 9 — Front Panel



- Locate the four silver screws on the front panel.
- Using the Phillips #0, unscrew to remove all four 2.95mm silver screws.

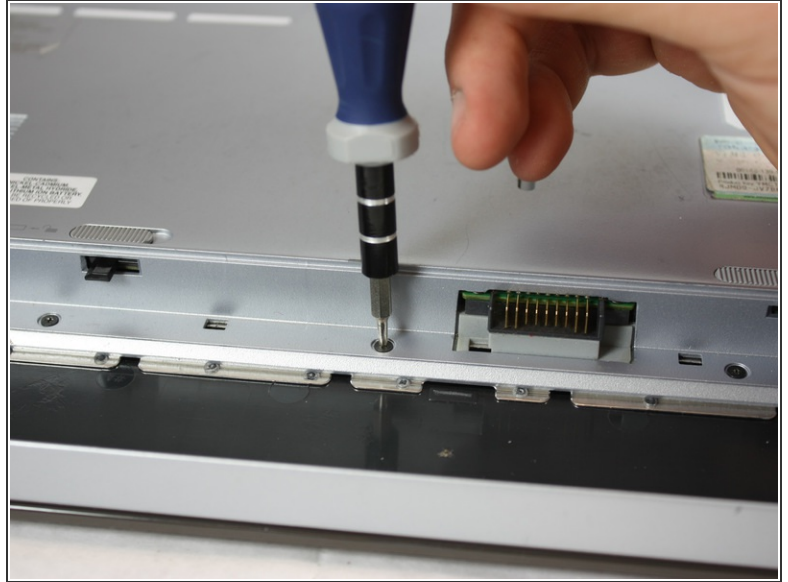
## Step 10



- Flip the laptop over and locate all seven screws on the bottom of the laptop.
- Unscrew all seven Philips#00 7.70mm screws.

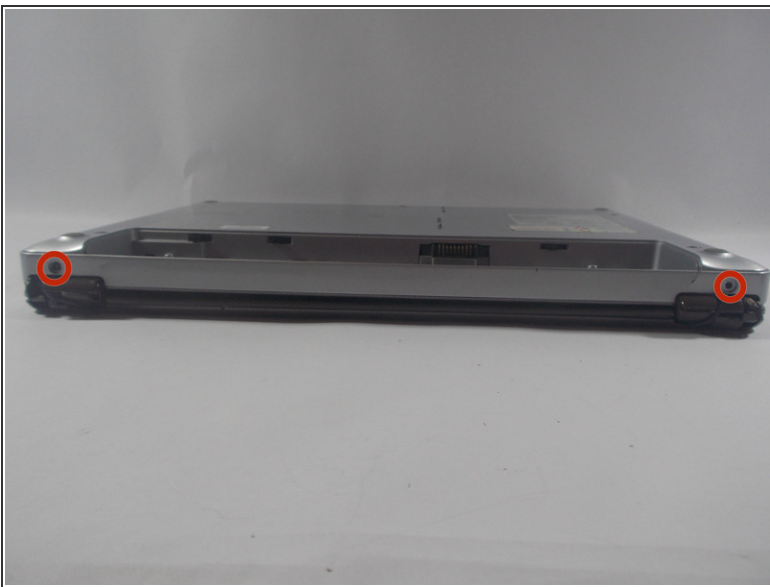


## Step 11



- Locate and unscrew the three silver Philips #00 2.85mm screws inside the battery compartment.
- Locate and unscrew the five black Philips #00 3.25mm screws inside the battery compartment.

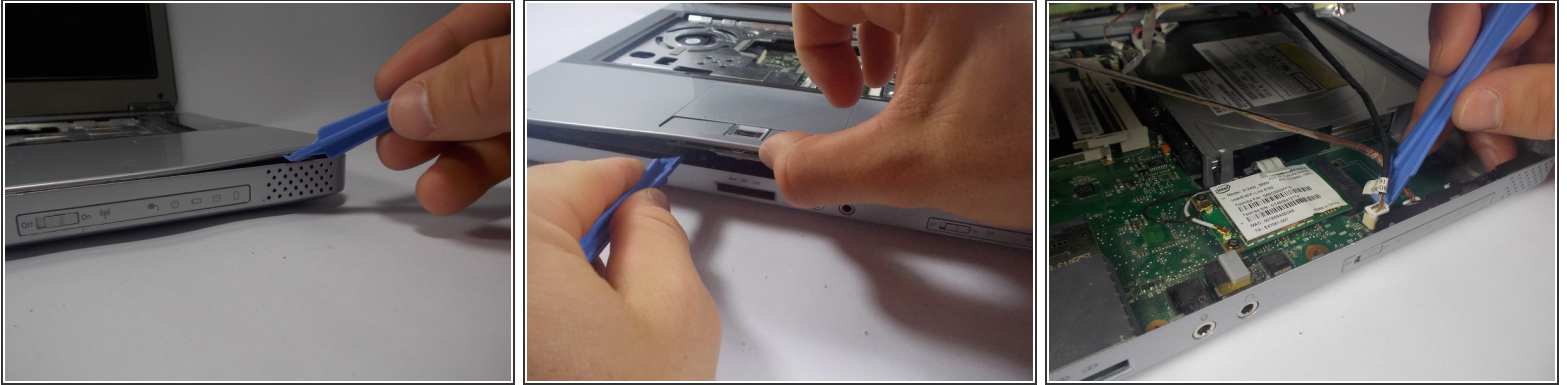
## Step 12



- Rotate the laptop so the back faces you.
- Locate the two black Philips #00 7.65 screws, one by each hinge, and remove.

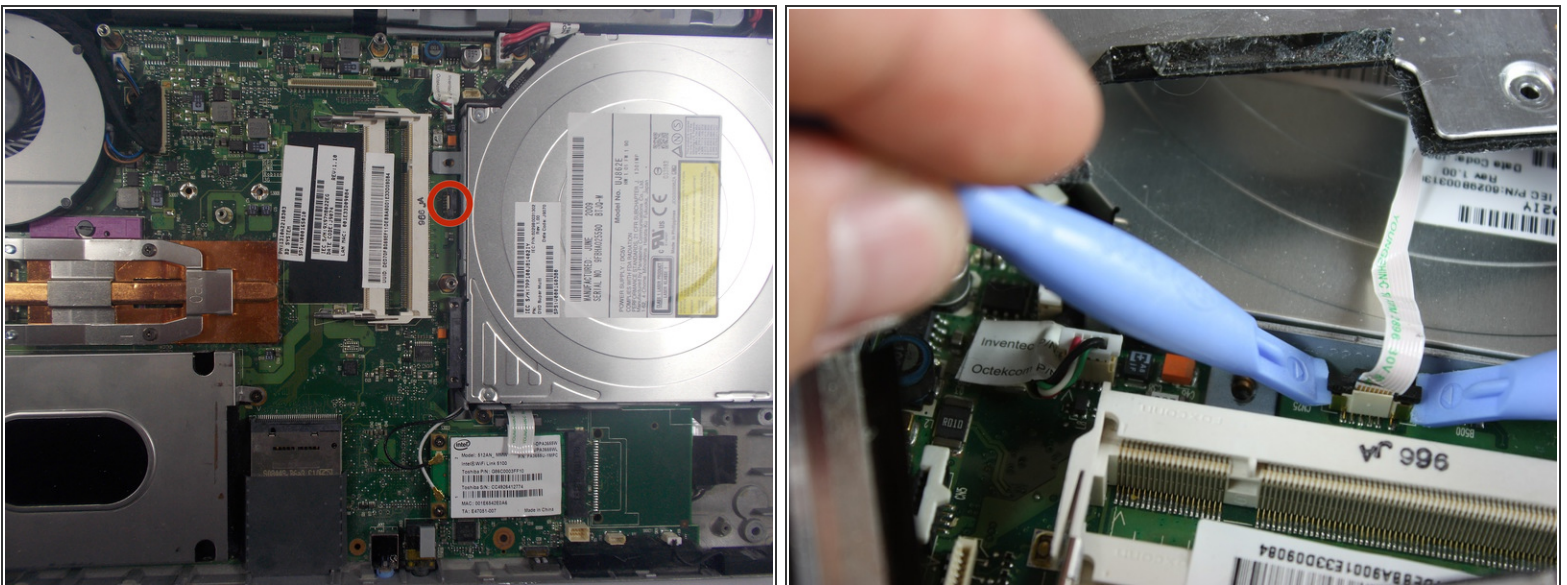


## Step 13



- Use the plastic opening tool to pry the top panel up from the base of the computer.
  - Slowly work your way around the computer with the plastic removing tool to make it easier to lift the top panel away from the base.
- ⚠ Carefully lift the top panel no more than six inches, as there are ribbon cables connecting the two pieces.
- Disconnect ribbons, and slowly lift the top panel up, away from the base.

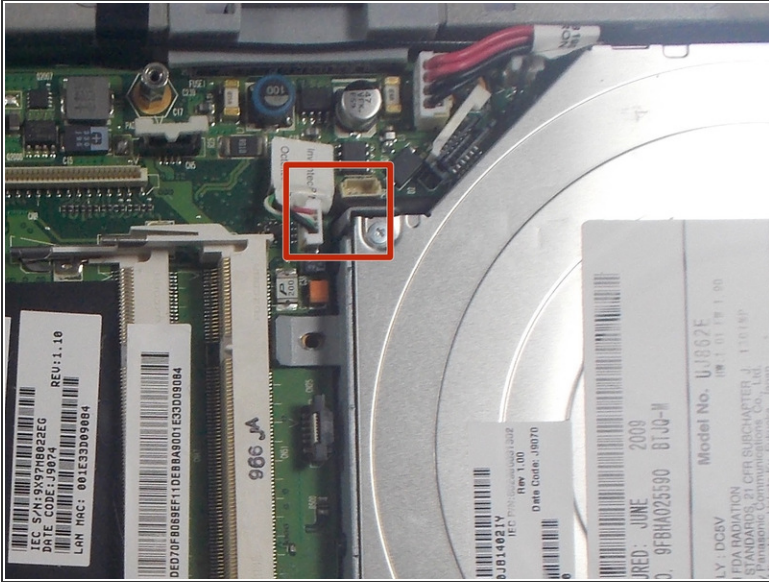
## Step 14



- Locate the ribbon cable from the motherboard.
- Using plastic removing tools, pop the ribbon base from the motherboard.

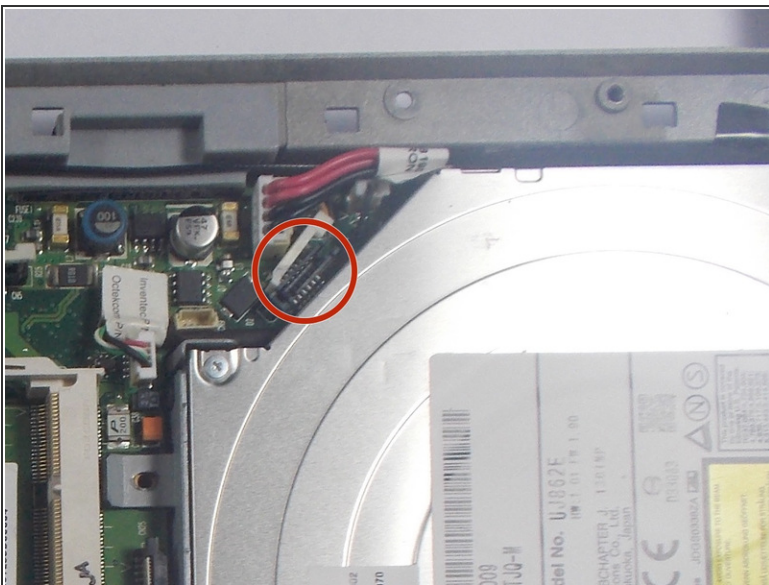


## Step 15



- Locate the two plugs from the motherboard.
- Using plastic opening tools, remove each plug from the motherboard.

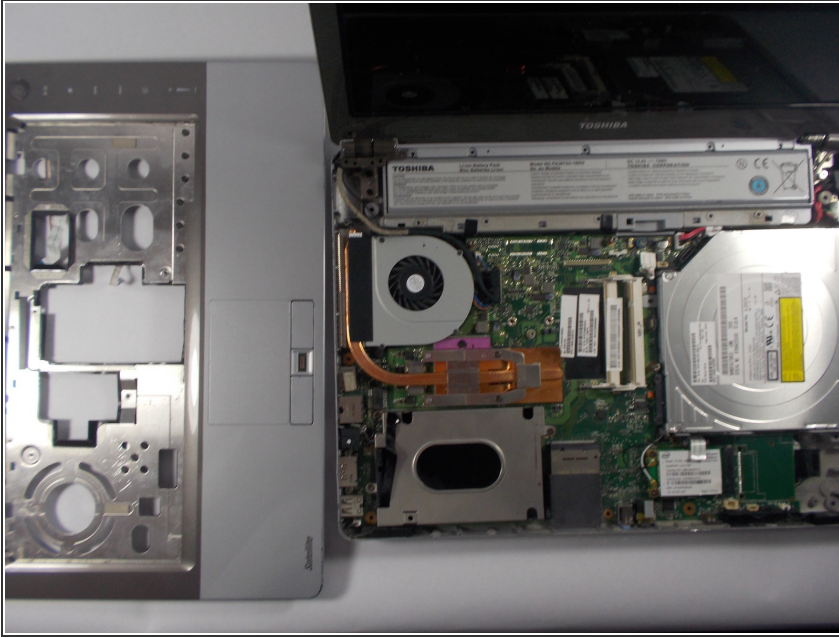
## Step 16




- Locate the ribbon cable partially hidden under the front panel.
- Using plastic opening tools, pop out the ribbon cable from the motherboard.



## Step 17



 Make sure that all wires have been disconnected before proceeding to avoid damaging components.

- Slowly lift the top panel away from the base of the computer.
- Place the top panel away from the computer and keep in a flat non-metallic surface until needed.

## Step 18 — Display



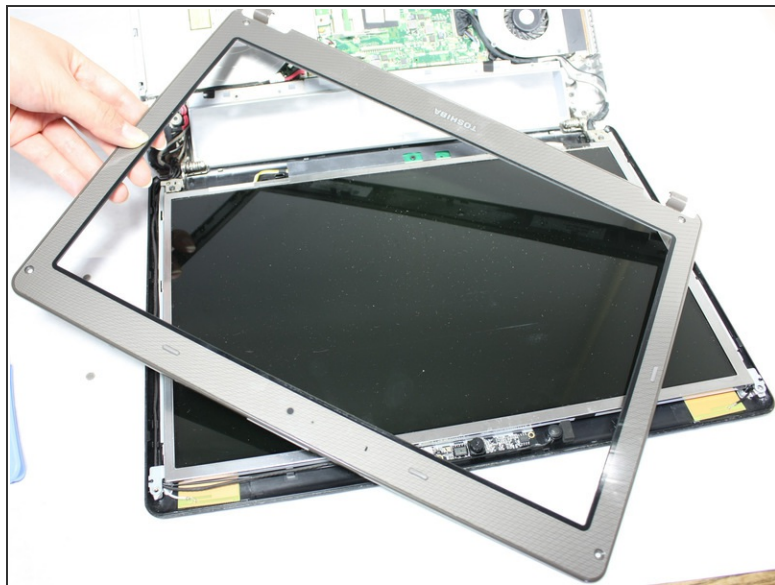
- Rotate the computer so the screen is facing you and locate the four plastic screw covers; one at each corner of the screen
- Using your fingernail, remove each cover in order to expose the screw.

## Step 19



- Remove the four Philips #00 4.85mm screws located at each corner of the screen.

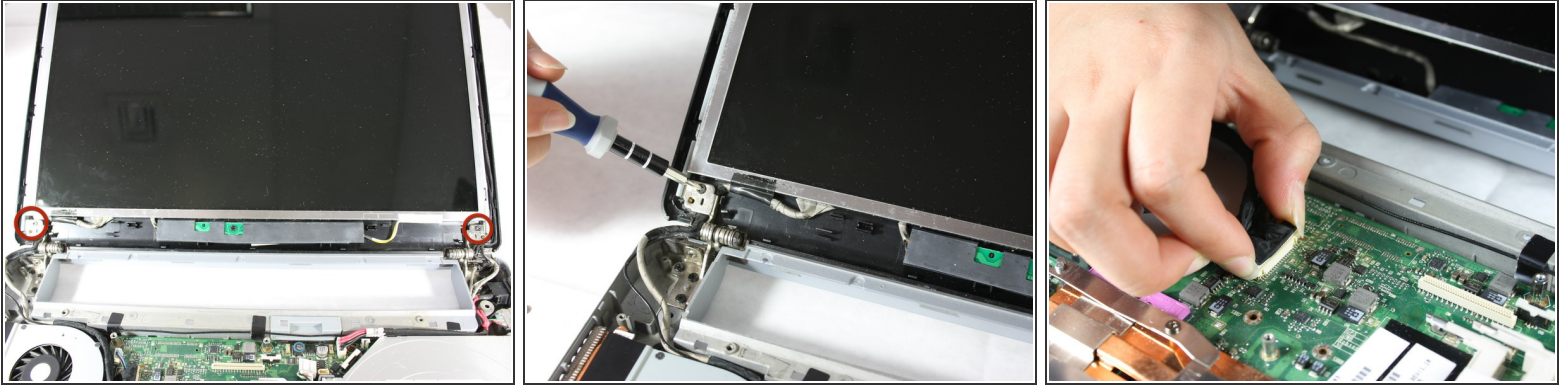
## Step 20



- Insert the plastic opening tool in between the screen and the case to peel the plastic case away from the screen.
- Lift the plastic case away from the rest of the screen.



## Step 21



- Locate and remove the two Philips #00 5.65 mm screws in the bottom right and bottom left corners of the screen.
- ⓘ The screw in the bottom left corner is attached to a black and white cord in the back casing.
- To remove the cord from the motherboard, grip the sides of the cord and pull up from the motherboard.

## Step 22



- Locate and remove the eight Philips #00 5.65 mm screws, four on either side of the screen.
- Lift the screen away from the rest of the laptop.

To reassemble your device, follow these instructions in reverse order.

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